

ABSTRACT of the Disclosure

An in-tank fuel filter includes a body having
5 upper and lower panels comprising an outer shell or
layer of extruded mesh, layers of spun bonded and melt
blown filtration media and a fitting for mounting the
filter to an in-tank fuel pump inlet. The outer layer
10 of the body is extruded mesh material that has the
general appearance of a woven fabric but includes
connections at every filament intersection. This outer
layer protects the finer, inner filtration layers which
15 include a first layer of spun bonded material, a layer
of melt blown filtration media defining smaller pore
sizes and a second layer of spun bonded material. The
mounting fitting is made of a fuel compatible material
20 and may either be a multiple part device or be in-situ
molded on one of the filter panels. Separating ribs or
a stuffer may be disposed in the interior of the filter
to prevent its collapse and improve fuel withdrawal
through the mounting fitting.

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